

In the claims:

1.-16. (Cancelled).

17.-26. (Withdrawn)

27. (Currently Amended) A method comprising:

- (a) providing a sample comprising nucleic acid molecules present in a biological sample obtained from a patient;
- (b) contacting the sample with either a probe comprising at least 15 contiguous nucleotides of the nucleotide sequence of ~~SEQ ID NO:6~~ SEQ ID NO:1, the probe comprising at least one of:
  - (i) nucleotide 1066 wherein N is C;
  - (ii) nucleotide 1136 wherein N is G;
  - (iii) nucleotide 1497 wherein N is A;

or the complement thereof; and

- (c) determining if the sample comprises a nucleic acid molecule that hybridizes to the probe.

28.-37. (Withdrawn)

38. (Currently Amended) A method comprising:

- (a) providing a sample comprising nucleic acid molecules present in a biological sample obtained from a patient;
- (b) contacting the sample with either a probe comprising at least 15 contiguous nucleotides of the nucleotide sequence of ~~SEQ ID NO:7~~ SEQ ID NO:2, the probe comprising at least one of:
  - (i) nucleotide 276 wherein N is T;
  - (ii) nucleotide 321 wherein N is C;
  - (iii) nucleotide 452 wherein N is A;
  - (iv) C is inserted after nucleotide 457;
  - (v) nucleotide 491 wherein N is A;
  - (vi) nucleotide 533 wherein N is C;
  - (vii) nucleotide 624 wherein N is C;
  - (viii) nucleotide 639 wherein N is G;
  - (ixi) nucleotide 655 wherein N is C;

or the complement thereof; and

- (c) determining if the sample comprises a nucleic acid molecule that hybridizes to the probe.

39.-48. (Withdrawn)

49. (Currently Amended) A method comprising:
- (a) providing a sample comprising nucleic acid molecules present in a biological sample obtained from a patient;
- (b) contacting the sample with either a probe comprising at least 15 contiguous nucleotides of the nucleotide sequence of ~~SEQ ID NO:8~~ SEQ ID NO:3, the probe comprising at least one of:
- (i) nucleotide 701 wherein N is C;
  - (ii) nucleotide 716 wherein N is G;
  - (iii) nucleotide 732 wherein N is C;
  - (iv) nucleotide 1293 wherein N is G;
  - (v) nucleotide 1322 wherein N is G;
  - (vi) nucleotide 1379 wherein N is C;
  - (vii) nucleotide 1590 wherein N is T;
  - (viii) nucleotide 1688 wherein N is G;
  - (ix) nucleotide 2401 wherein N is G;
  - (x) nucleotide 2429 wherein N is A;
  - (xi) nucleotide 2488 wherein N is T;
  - (xii) nucleotide 2594 wherein N is T;
  - (xiii) nucleotide 2618 wherein N is A;
  - (xiv) nucleotide 3083 wherein N is A;
  - (xv) nucleotide 3125 wherein N is A;
  - (xvi) nucleotide 3212 wherein N is T;
  - (xvii) nucleotide 3619 wherein N is A;
  - (xviii) nucleotide 3635 wherein N is A;
  - (xix) nucleotide 4256 wherein N is A;
  - (xx) nucleotide 4898 wherein N is G;
  - (xxi) nucleotide 5006 wherein N is T;
  - (xxii) nucleotide 5062 wherein N is A;
  - (xxiii) nucleotide 5167 wherein N is A;
  - (xxiv) nucleotide 11069 wherein N is G;
  - (xxv) nucleotide 11238 wherein N is T;
  - (xxvi) nucleotide 11293 wherein N is G;
  - (xxvii) nucleotide 11422 wherein N is C;
  - (xxviii) nucleotide 11686 wherein N is T;
  - (xxix) nucleotide 12598 wherein N is C;
  - (xxx) nucleotide 13171 wherein N is C;
  - (xxxi) nucleotide 13298 wherein N is A;
  - (xxxii) nucleotide 13645 wherein N is C;
  - (xxxiii) nucleotide 13751 wherein N is A;
  - (xxxiv) nucleotide 13782 wherein N is C;
  - (xxxv) nucleotide 13806 wherein N is C;
  - (xxxvi) nucleotide 13813 wherein N is C;
  - (xxxvii) nucleotide 14479 wherein N is G;

(xxxviii) T is inserted after nucleotide 14546;  
(xxxix) nucleotide 14585 wherein N is T;  
(xl) nucleotide 14729 wherein N is A;  
(xli) nucleotide 14787 wherein N is T;  
(xlii) nucleotide 14795 wherein N is A;  
(xliii) nucleotide 15041 wherein N is C;  
(xliv) nucleotide 15343 wherein N is A;  
(xlv) nucleotide 15449 wherein N is A;  
(xlvi) nucleotide 15502 wherein N is A;  
(xlvii) nucleotide 15545 wherein N is T;  
(xlvii) nucleotide 15589 wherein N is G;  
(xlix) nucleotide 15769 wherein N is T;  
(l) nucleotide 15839 wherein N is G;  
(li) nucleotide 16148 wherein N is A;  
(lii) nucleotide 16198 wherein N is G; and  
(liii) nucleotide 16202 wherein N is T

or the complement thereof; and

(c) determining if the sample comprises a nucleic acid molecule that hybridizes to the probe.